

REMARKS

Claim 2 has been amended. Claim 16 has been canceled without prejudice or disclaimer. No new claims have been added. Accordingly, claims 2-5, 9-12 and 15 are currently pending in the application.

Priority

Applicants appreciate the Examiner's acknowledgement of the claim for priority and safe receipt of the certified priority document.

35 U.S.C. §112

The rejection of claim 16 under 35 USC 112, second paragraph, has been rendered moot by the cancellation of claim 16 without prejudice or disclaimer.

35 U.S.C. §102 and §103

Claims 2, 9 and 15 stand rejected under 35 U.S.C. §102(e) as being anticipated by Bruckert et al. This rejection is traversed as follows.

According to the presently claimed invention, the following main points are encompassed:

- (a) A reception timing of a received signal from a base

station having a power higher than that from a second base station is measured;

- (b) The received signal of the first base station is canceled from stored received signals; and
- (c) The received signal of a second base station is extracted from the stored received signals is processed.

Item (b) set forth above encompasses the following:

- (d) The received signals from the first and second base stations are stored into a storing circuit in the terminal;
- (e) A replica of the received signal of the first base station from the stored signals is formed; and
- (f) The replica from the stored signals are subtracted and the signals stored in the storing circuit are overwritten with a result of the subtraction.

Therefore, the signals from the first and second base stations are processed in a cyclical manner including the steps of overwriting the content of the storing circuit and processing the signals from the second base station extracted from the overwritten content of the storing circuit.

On the other hand, Bruckert et al discloses that "an estimate of the amplitude and phase of the strongest received known location signals is found and those signals are subtracted from the storage samples" (see column 5, lines 59-62). Bruckert et al also states that the "mobile subscriber unit uses a time of arrival determinator 60 to determine the strongest base station transmitters" (see column 5, lines 65-67).

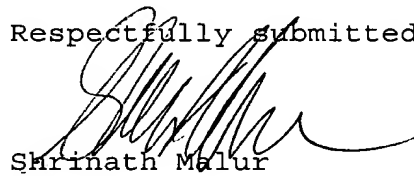
Bruckert et al does not disclose how the strongest signals are "subtracted from the stored samples". Applicants assume that it is the above-mentioned portion of Bruckert et al that the Examiner is relying upon to reject the pending claims. However, it should be eminently clear that Bruckert et al do not disclose or suggest that the stored samples are overwritten as a result of subtraction as specifically claimed. Instead, a beacon cancellation engine of U.S. Patent No. 5,235,612, which is incorporated by reference by Bruckert et al, discloses that cancellation components (such as 216-222 and 224-230) are placed serially without storing means to store the result of cancellation. This further rules out the possibility of Bruckert et al suggesting or rendering obvious the feature of the present invention that the storage samples are overwritten as a result of subtraction. In addition,

Bruckert et al do not disclose or suggest the cyclical processing of signals as in the present invention.

Conclusion

In view of the foregoing amendments and remarks, Applicants contend that the above-identified application is now in condition for allowance. Accordingly, reconsideration and reexamination are respectfully requested.

Respectfully submitted,



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